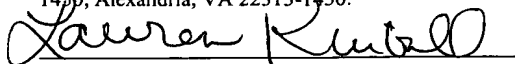




09/19/03

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this paper and the documents and/or fees referred to as attached therein are being deposited with the United States Postal Service on September 19, 2003 in an envelope as "Express Mail Post Office to Addressee" service under 37 CFR §1.10, Mailing Label Number EV333982154US, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Lauren Kimball

Attorney Docket No.: UNTYP027

First Named Inventor: Rinerson



**UTILITY PATENT APPLICATION TRANSMITTAL (37 CFR. § 1.53(b))**  
(Continuation, Divisional or Continuation-in-part application)

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir: This is a request for filing a patent application under 37 CFR. § 1.53(b) in the name of inventors:  
**Darrell Rinerson, Wayne Kinney, John Sanchez, Steven W. Longcor, Steve Kuo-Ren Hsia, Edmond R. Ward and Christophe J. Chevallier**

For: **RESISTIVE MEMORY DEVICE WITH A TREATED INTERFACE**

Assigned to : Unity Semiconductor, Inc.

This application is a ☐ Continuation ☐ Divisional ☒ Continuation-in-part

of prior Application No.: 10/330,512, filed December 26, 2002, from which priority under 35 U.S.C. §120 is claimed, which claims the benefit of U.S. Provisional Application No. 60/400,849, filed August 02, 2002, U.S. Provisional Application No. 60/422,922, filed October 31, 2002, and U.S. Provisional Application 60/424,083, filed November 5, 2002.

Application Elements:

☒ **38** Pages of Specification, Claims and Abstract

☒ **15** Sheets of formal Drawings

☐ Declaration

☐ Newly executed

☐ Copy from a prior application (37 CFR 1.63(d) for a continuation or divisional).  
The entire disclosure of the prior application from which a copy of the declaration is herein supplied is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

☐ Deletion of inventors Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

Accompanying Application Parts:

- ☒ Do not publish this application. Nonpublication Request is attached.
- ☐ Assignment and Assignment Recordation Cover Sheet (recording fee of \$40.00 enclosed)
- ☐ Power of Attorney
- ☐ 37 CFR 3.73(b) Statement by Assignee
- ☐ Information Disclosure Statement with Form PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment (*New claims numbered after highest original claim in prior application.*)
- ☒ Return Receipt Postcard
- ☐ Other:

Fee Calculation (37 CFR § 1.16)

**PLEASE DO NOT CHARGE A FILING FEE AT THIS TIME!**


General Authorization for Petition for Extension of Time (37 CFR §1.136)

- ☒ Applicants hereby make and generally authorize any Petitions for Extensions of Time as may be needed for any subsequent filings. The Commissioner is also authorized to charge any extension fees under 37 CFR §1.17 as may be needed to Deposit Account No. 500388 (Order No. UNTYP027).
- ☒ Please send correspondence to the following address:

**Customer Number 022434**

022434

Date: September 19, 2003

  
Morgan E. Malino  
Registration No. 41,177

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re application of: Rinerson et al.

Attorney Docket No.: UNTYP027

Application No.: New

Examiner: Not Yet Assigned

Filed: Herewith

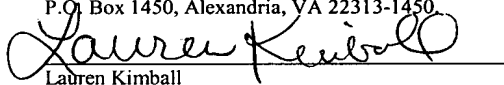
Group: Not Yet Assigned

Title: RESISTIVE MEMORY DEVICE WITH A  
TREATED INTERFACE

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**CERTIFICATE OF EXPRESS MAILING**

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P.O. Box 1450, Alexandria, VA 22313-1450.

  
Lauren Kimball

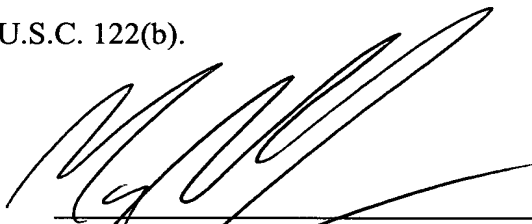
**NONPUBLICATION REQUEST AND CERTIFICATION  
(35 U.S.C. 122(b)(2)(B)(i))**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen (18) months after filing. I hereby request that the attached application **NOT** be published under 35 U.S.C. 122(b).

Date: September 19, 2003

  
Morgan E. Malino  
Registration No. 41,177